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| | | |
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| NEWS 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS 2 | AUG 06 | CAS REGISTRY enhanced with new experimental property tags |
| NEWS 3 | AUG 06 | FSTA enhanced with new thesaurus edition |
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| NEWS 6 | AUG 27 | Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB |
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| NEWS 8 | AUG 28 | CAS REGISTRY enhanced with additional experimental spectral property data |
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| NEWS 11 | SEP 13 | INPADOCDB enhanced with monthly SDI frequency |
| NEWS 12 | SEP 17 | CA/CAplus enhanced with printed CA page images from 1967-1998 |
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| NEWS 15 | OCT 02 | CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt |
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| NEWS 17 | NOV 15 | Derwent Indian patent publication number format enhanced |
| NEWS 18 | NOV 19 | WPIX enhanced with XML display format |
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| NEWS 20 | DEC 04 | LINPADOCDB now available on STN |
| NEWS 21 | DEC 14 | BEILSTEIN pricing structure to change |
| NEWS 22 | DEC 17 | USPATOLD added to additional database clusters |
| NEWS 23 | DEC 17 | IMSDRUGCONF removed from database clusters and STN |
| NEWS 24 | DEC 17 | DGENE now includes more than 10 million sequences |
| NEWS 25 | DEC 17 | TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment |
| NEWS 26 | DEC 17 | MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary |
| NEWS 27 | DEC 17 | CA/CAplus enhanced with new custom IPC display formats |
| NEWS 28 | DEC 17 | STN Viewer enhanced with full-text patent content from USPATOLD |
| NEWS 29 | JAN 02 | STN pricing information for 2008 now available |
| NEWS 30 | JAN 16 | CAS patent coverage enhanced to include exemplified prophetic substances |
| NEWS 31 | JAN 28 | USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats |
| NEWS 32 | JAN 28 | MARPAT searching enhanced |
| NEWS 33 | JAN 28 | USGENE now provides USPTO sequence data within 3 days of publication |

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 NEWS 34  JAN 28  TOXCENTER enhanced with reloaded MEDLINE segment
 NEWS 35  JAN 28  MEDLINE and LMEDLINE reloaded with enhancements
 NEWS 36  FEB 08  STN Express, Version 8.3, now available


 NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2008

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FILE LAST UPDATED: 13 Feb 2008  (20080213/ED)

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E1            1     LOSARTA/BI
E2            1     LOSARTAM/BI
E3         5490 --> LOSARTAN/BI
E4            1     LOSARTANK/BI
E5            1     LOSARTANS/BI
E6            1     LOSARTANT/BI
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E7           2     LOSARTEN/BI
E8           2     LOSARTIN/BI
E9           1     LOSARTOAN/BI
E10          3     LOSARTON/BI
E11          2     LOSARTRAN/BI
E12          1     LOSASSO/BI

=> s E3
          5490 LOSARTAN/BI
             1 LOSARTANS/BI
L1        5490 LOSARTAN/BI
                ((LOSARTAN OR LOSARTANS)/BI)

=> s l1 and polymorph
          8459 POLYMORPH
          9548 POLYMORPHS
         14667 POLYMORPH
                (POLYMORPH OR POLYMORPHS)
L2          14 L1 AND POLYMORPH

=> d L1-5 ibib abs
'L1-999' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

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ABS --------- GI and AB
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APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
CLASS ------- IPC, NCL, ECLA, FTERM
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, CLASS

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
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HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

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ENTER DISPLAY FORMAT (BIB):ibib ab

L2 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:761240 CAPLUS
DOCUMENT NUMBER: 147:166619
TITLE: Preparation of β-amino acid derivatives as dipeptidyl peptidase-IV inhibitors
INVENTOR(S): Sattigeri, Jitendra A.; Ahmed, Shahadat; Andappan, Murugaiah M. S.; Sethi, Sachin; Sharma, Lalima; Pal, Chanchal Kumar; Kandalkar, Sachin Ramesh; Mahajan, Dipak C.; Kishore, Kaushal; Bhatia, Sumati; Gadhave, Anil G.; Bansal, Vinay S.; Davis, Joseph Alexanand
PATENT ASSIGNEE(S): Ranbaxy Laboratories Limited, India
SOURCE: PCT Int. Appl., 74pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2007077508 | A2 | 20070712 | WO 2006-IB55006 | 20061221 |
| WO 2007077508 | A3 | 20071025 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: IN 2005-DE3520 A 20051230
OTHER SOURCE(S): MARPAT 147:166619
AB The invention relates to the preparation of β-amino acid derivs. I [A =

(hetero)aryl; E, E' = independently (CRaRb)n; n = 1-2; Ra, Rb = independently H, alk(en/yn)yl, cycloalkyl, (hetero)/aryl, heterocyclyl; RaCRb = optionally unsatd. ring; R = (un)substituted 2,5-diazabicyclo[2.2.1]hept-2-yl, (piperidin-4-yl)amino, -3-azabicyclo[3.1.0]hex-6-yl, etc.], and their pharmaceutically acceptable salts, pharmaceutically acceptable solvates, enantiomers, diastereomers, polymorphs, prodrugs, metabolites, and N-oxides, as dipeptidyl peptidase-IV inhibitors. This invention also relates to pharmacol. compns. containing the compds. of the invention, and methods of treating diabetes, especially type 2 diabetes, as well as prediabetes, diabetic dyslipidemia, metabolic acidosis, ketosis, satiety disorders, and obesity. These inhibitors can also be used to treat conditions manifested by a variety of metabolic, neurol., anti-inflammatory, and autoimmune disorders like inflammatory disease, multiple sclerosis, rheumatoid arthritis; viral, cancer and gastrointestinal disorders. I can also be used for treatment of infertility arising due to polycystic ovary syndrome. Thus, coupling 4-amino-1-[(morpholin-4-yl)carbonyl]piperidine tosylate with (3R)-3-[N-(tert-butoxycarbonyl)amino]-4-(2,4,5-trifluorophenyl)butanoic acid and cleavage of tert-butoxycarbonyl group in the presence of TFA gave II•TFA . I were evaluated for their peptidase-IV inhibitory activity using a fluorometric assay (IC50 values in the range of 1 nm to 10 μM).

=> d l2 2-8 ibib ab

L2 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1155444 CAPLUS
DOCUMENT NUMBER: 145:477884
TITLE: Angiotensin II receptor antagonists
INVENTOR(S): Alani, Laman L.; Dubost, David C.; Foster, Bruce S.; Ghosh, Soumojeet; Jahansouz, Hossain; Pourkavoos, Nazaneen; Rege, Bhagwant; Tatavarti, Aditya
PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 34pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2006115834 | A1 | 20061102 | WO 2006-US14092 | 20060414 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
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| AU 2006240247 | A1 | 20061102 | AU 2006-240247 | 20060414 |
| CA 2604190 | A1 | 20061102 | CA 2006-2604190 | 20060414 |
| EP 1874302 | A1 | 20080109 | EP 2006-750200 | 20060414 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR | | | | |
| IN 2007CN04215 | A | 20071221 | IN 2007-CN4215 | 20070924 |

PRIORITY APPLN. INFO.: US 2005-673086P P 20050420
WO 2006-US14092 W 20060414

AB The compds. of the present invention are polymorphic crystalline forms of the compound 2-butyl-4-chloro-1-[(2'-(1-H-tetrazol-5-yl)biphenyl-4-yl)methyl]imidazole-5-carboxylic acid (I). Specifically, the compds. of the invention are selected from the group consisting of e.g., I, I-HCl Forms I through III and their monohydrate forms. I was prepared and converted to controlled release granules.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1004564 CAPLUS
DOCUMENT NUMBER: 143:292576
TITLE: Stabilization of a polymorphic form of losartan potassium
INVENTOR(S): Svete, Peter; Grahek, Rok; Humar, Vlasta; Husu-Kovacevic, Breda; Jerala-Strukelj, Zdenka
PATENT ASSIGNEE(S): Lek Pharmaceuticals D.D., Slovenia
SOURCE: PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2005084670 | A1 | 20050915 | WO 2005-EP2108 | 20050228 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
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| EP 1729766 | A1 | 20061213 | EP 2005-707662 | 20050228 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR | | | | |
| US 2007298108 | A1 | 20071227 | US 2007-590889 | 20070604 |

PRIORITY APPLN. INFO.: SI 2004-67 A 20040301
WO 2005-EP2108 W 20050228

AB Compns. were developed which stabilize an active pharmaceutical ingredient in polymorph form susceptible to degradation or interconversion into other polymorph forms, where stabilizing substance is conveniently among silicon dioxide, silicified microcryst. cellulose, magnesium oxide and polyethylene glycol. The polymorphic form of losartan potassium was stable when formulated with Syloid and PEG 6000.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:740317 CAPLUS
DOCUMENT NUMBER: 141:265973
TITLE: Preparation of polymorphic crystal forms of the antihypertensive agent losartan potassium

INVENTOR(S): Kumar, Pananchukunnath Manoj; Manikandan, Ramalingam; Singh, Romi Barat; Nagaprasad, Vishnubhotla; Malik, Rajiv
PATENT ASSIGNEE(S): Ranbaxy Laboratories Limited, India
SOURCE: PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004076442 | A1 | 20040910 | WO 2004-IB516 | 20040227 |

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: IN 2003-DE202 A 20030228
AB Processes for producing polymorphic crystal forms of losartan potassium (I), useful as an antihypertensive, are claimed as are the crystal polymorphs of I, their crystal-characterization data, and their use in pharmaceutical formulations.
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:740288 CAPLUS
DOCUMENT NUMBER: 141:248753
TITLE: Preparation of losartan potassium polymorphs
INVENTOR(S): Boccignone, Andrea; Malpezzi, Luciana; Castaldi, Graziano; Allegrini, Pietro; Beltrame, Andrea
PATENT ASSIGNEE(S): Dinamite Dipharma S.P.A. In Abbreviate Form Dipharma S.P.A., Italy; Dipharma S.P.A.
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004076406 | A2 | 20040910 | WO 2004-EP1717 | 20040220 |
| WO 2004076406 | A3 | 20050113 | | |

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: IT 2003-MI328 A 20030225

AB Losartan potassium polymorphs, identified as losartan potassium crystalline hydrate, losartan potassium amorphous and losartan potassium modification crystalline III, a process for their preparation, pharmaceutical compns. containing them and their use in therapy. Thus, losartan was dissolved in MeOh and treated with KHCO3 to give a losartan potassium polymorph III.

L2 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:733484 CAPLUS

DOCUMENT NUMBER: 142:127050

TITLE: Effect of enalapril and losartan on cytokines in patients with stable angina pectoris awaiting coronary artery bypass grafting and their interaction with polymorphisms in the interleukin-6 gene

AUTHOR(S): Trevelyan, Jasper; Brull, David J.; Needham, Edward W. A.; Montgomery, Hugh E.; Morris, Alan; Mattu, Raj K.

CORPORATE SOURCE: Department of Cardiology, University Hospitals of Coventry and Warwickshire, Coventry, UK

SOURCE: American Journal of Cardiology (2004), 94(5), 564-569 CODEN: AJCDAG; ISSN: 0002-9149

PUBLISHER: Excerpta Medica, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Angiotensin-converting enzyme inhibitors and angiotensin receptor blockers may have anti-inflammatory actions, an effect that could explain some of their beneficial effects on cardiovascular events in clin. trials. Coronary artery bypass grafting (CABG) is associated with a systemic inflammatory response and provides a convenient model to examine the effects of such agents. Genetic polymorphisms may be important in influencing the expression of cytokines, such as interleukin-6 (IL-6). We randomized men awaiting CABG to treatment with enalapril, losartan , or control for 2 mo before surgery. Systemic IL-6, IL-8, IL-10, and IL-1 receptor agonists were measured before and after surgery, and genotypes for the -174 G/C and -572 G/C IL-6 gene polymorphisms were determined Total release of the IL-1 receptor agonist was decreased 29% by enalapril and 31% by losartan (adjusted p = 0.041). IL-6 was decreased 17% by enalapril and 20% by losartan. Subjects possessing the -174 GG genotype produced 20% more IL-6 (adjusted p = 0.029). In these high producers of IL-6, release of IL-6 was decreased 51% by enalapril (adjusted p = 0.001) and 32% by losartan (adjusted p = 0.068). Release of IL-10 was nonsignificantly decreased 26% by enalapril and 21% by losartan, whereas IL-8 was not detected. In conclusion, enalapril and losartan significantly decreased release of the IL-1 receptor agonist after CABG. Enalapril produced a highly significant decrease of 51% in the release of IL-6 in patients identified as high producers of IL-6 by the -174 G/C polymorphism, whereas losartan has a similar but less marked effect. The production of IL-6 in this setting is influenced by the -174 G/C polymorphism.

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:610104 CAPLUS

DOCUMENT NUMBER: 141:134092
TITLE: Telmisartan-simvastatin combination for the prophylaxis or treatment of cardiovascular, cardiopulmonary, pulmonary, or renal diseases
INVENTOR(S): Riedel, Axel; Sendra, Josep-Maria; Leiter, Josef M. E.; Kauschke, Stefan; Mark, Michael
PATENT ASSIGNEE(S): Boehringer Ingelheim International GmbH, Germany; Boehringer Ingelheim Pharma GmbH & Co. Kg
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004062729 | A1 | 20040729 | WO 2004-EP175 | 20040114 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA | | | | |
| DE 10301372 | A1 | 20040729 | DE 2003-10301372 | 20030116 |
| DE 10335027 | A1 | 20050217 | DE 2003-10335027 | 20030731 |
| AU 2004204353 | A1 | 20040729 | AU 2004-204353 | 20040114 |
| CA 2513281 | A1 | 20040729 | CA 2004-2513281 | 20040114 |
| US 2004259925 | A1 | 20041223 | US 2004-757295 | 20040114 |
| EP 1587584 | A1 | 20051026 | EP 2004-701918 | 20040114 |
| EP 1587584 | B1 | 20070523 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2004006812 | A | 20051227 | BR 2004-6812 | 20040114 |
| JP 2006515877 | T | 20060608 | JP 2006-500558 | 20040114 |
| AU 2004260606 | A1 | 20050210 | AU 2004-260606 | 20040724 |
| CA 2534006 | A1 | 20050210 | CA 2004-2534006 | 20040724 |
| EP 1651213 | A1 | 20060503 | EP 2004-763484 | 20040724 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| CN 1829511 | A | 20060906 | CN 2004-80022096 | 20040724 |
| BR 2004013165 | A | 20061003 | BR 2004-13165 | 20040724 |
| JP 2007500677 | T | 20070118 | JP 2006-521497 | 20040724 |
| MX 2005PA07559 | A | 20050921 | MX 2005-PA7559 | 20050714 |
| NO 2005003793 | A | 20050810 | NO 2005-3793 | 20050810 |
| MX 2006PA01322 | A | 20060504 | MX 2006-PA1322 | 20060131 |
| NO 2006000938 | A | 20060227 | NO 2006-938 | 20060227 |

| PRIORITY APPLN. INFO.: | | |
|---|---|---|
| DE 2003-10301372 | A | 20030116 |
| DE 2003-10335027 | A | 20030731 |
| DE 2003-10301371 | A | 20030116 |
| US 2003-446695P | P | 20030211 |
| US 2003-503317P | P | 20030916 |
| DE 2003-10346260 | A | 20031006 |
| DE 2003-10356815 | A | 20031205 |
| WO 2004-EP175 | W | 20040114 |
| WO 2004-EP8326 | W | 20040724 |

AB The invention discloses a method for the prophylaxis or treatment of cardiovascular, cardiopulmonary, pulmonary or renal diseases, achieved by the improvement of endothelial function and the protection of organs, tissues and vessels when indications require a blood pressure check and a lipid level check, especially in patients that have been diagnosed with type 2 diabetes mellitus or if prediabetes is suspected. The method is also used for preventing diabetes and prediabetes and for the treatment of metabolic

syndrome and insulin resistance in patients with normal blood pressure. The method involves the combined administration of effective quantities of telmisartan, or a polymorph or salt thereof, and simvastatin. The invention also discloses suitable pharmaceutical compns. containing telmisartan, or a polymorph or salt thereof, and simvastatin, as a combined preparation for simultaneous, sep., or sequential use in the prophylaxis or treatment of the above diseases. Preparation of the sodium salt of telmisartan is described.

L2 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:606351 CAPLUS
DOCUMENT NUMBER: 141:134089
TITLE: Telmisartan-atorvastatin combination for the prophylaxis or treatment of cardiovascular, cardiopulmonary, pulmonary, or renal diseases
INVENTOR(S): Riedel, Axel; Sendra, Josep-Maria; Leiter, Josef M. E.; Kauschke, Stefan; Mark, Michael
PATENT ASSIGNEE(S): Boehringer Ingelheim International GmbH, Germany; Boehringer Ingelheim Pharma GmbH & Co. Kg
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004062557 | A2 | 20040729 | WO 2004-EP174 | 20040114 |
| WO 2004062557 | A3 | 20040916 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA | | | | |
| DE 10301371 | A1 | 20040805 | DE 2003-10301371 | 20030116 |
| DE 10335027 | A1 | 20050217 | DE 2003-10335027 | 20030731 |
| AU 2004204352 | A1 | 20040729 | AU 2004-204352 | 20040114 |
| CA 2513277 | A1 | 20040729 | CA 2004-2513277 | 20040114 |
| US 2004259925 | A1 | 20041223 | US 2004-757295 | 20040114 |
| EP 1587479 | A2 | 20051026 | EP 2004-701904 | 20040114 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2004006455 | A | 20051206 | BR 2004-6455 | 20040114 |
| CN 1738617 | A | 20060222 | CN 2004-80002407 | 20040114 |
| JP 2006515614 | T | 20060601 | JP 2006-500557 | 20040114 |
| AU 2004260606 | A1 | 20050210 | AU 2004-260606 | 20040724 |
| CA 2534006 | A1 | 20050210 | CA 2004-2534006 | 20040724 |
| EP 1651213 | A1 | 20060503 | EP 2004-763484 | 20040724 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| CN 1829511 | A | 20060906 | CN 2004-80022096 | 20040724 |
| BR 2004013165 | A | 20061003 | BR 2004-13165 | 20040724 |
| JP 2007500677 | T | 20070118 | JP 2006-521497 | 20040724 |
| ZA 2005003542 | A | 20060726 | ZA 2005-3542 | 20050504 |
| MX 2005PA07103 | A | 20050826 | MX 2005-PA7103 | 20050629 |
| IN 2005DN03073 | A | 20070112 | IN 2005-DN3073 | 20050711 |
| NO 2005003837 | A | 20050815 | NO 2005-3837 | 20050815 |
| MX 2006PA01322 | A | 20060504 | MX 2006-PA1322 | 20060131 |
| NO 2006000938 | A | 20060227 | NO 2006-938 | 20060227 |
| PRIORITY APPLN. INFO.: | | | DE 2003-10301371 A | 20030116 |
| | | | DE 2003-10335027 A | 20030731 |

| | | |
|---|---|---|
| US 2003-446695P | P | 20030211 |
| US 2003-503317P | P | 20030916 |
| DE 2003-10346260 | A | 20031006 |
| DE 2003-10356815 | A | 20031205 |
| WO 2004-EP174 | W | 20040114 |
| WO 2004-EP8326 | W | 20040724 |

AB The invention discloses a method for the prophylaxis or treatment of cardiovascular, cardiopulmonary, pulmonary, or renal diseases, achieved by the improvement of endothelial function and the protection of organs, tissues and vessels when indications require a blood pressure check and a lipid level check, especially in patients that have been diagnosed with type 2 diabetes mellitus or if prediabetes is suspected. The method is also used for preventing diabetes and prediabetes and for the treatment of metabolic syndrome and insulin resistance in patients with normal blood pressure. The method involves the combined administration of effective amts. of telmisartan, or a polymorph or salt thereof, and atorvastatin. The invention also discloses suitable pharmaceutical compns. containing telmisartan, or a polymorph or salt thereof, and atorvastatin, as a combined preparation for simultaneous, sep. or sequential use in the prophylaxis or treatment of the above diseases. Preparation of the sodium salt of telmisartan is described.

=> FIL STNGUIDE

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 29.92 | 30.13 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | -6.40 | -6.40 |

FILE 'STNGUIDE' ENTERED AT 21:37:53 ON 14 FEB 2008


FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Feb 8, 2008 (20080208/UP).

=> s l2 9-14 ibib ab
MISSING OPERATOR L2 9-14
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> d l2 9-14 ibib ab
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L2 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:414643 CAPLUS
DOCUMENT NUMBER: 140:412339
TITLE: Crystalline form of losartan potassium
INVENTOR(S): Reddy, Manne Satyanarayana; Eswaraiah, Sajja; Koppera, Ravinder Reddy; Reddy, Vajrala Venkata
PATENT ASSIGNEE(S): Reddy's Laboratories Limited, India; Reddy's Laboratories, Inc.
SOURCE: U.S. Pat. Appl. Publ., 11 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| US 2004097568 | A1 | 20040520 | US 2003-629316 | 20030729 |
| IN 2002MA00568 | A | 20070727 | IN 2002-MA568 | 20020729 |
| PRIORITY APPLN. INFO.: | | | IN 2002-MA568 A | 20020729 |

AB A compound that is a crystalline Form III of losartan potassium is provided. Also provided are compns. containing the compound and methods for its preparation For example, 125 g of trityl losartan (preparation given) was mixed with an aqueous solution containing 11 g of KOH, 125 mL water, and 1250 mL methanol until the reaction was complete. The solvent was distilled off the reaction solution under vacuum, and water (325 mL) added to the residual mass, stirred for 30 min, the pH adjusted to 8.2 to 8.8, and the mass filtered. The filtrate was washed with water, the water was distilled off, and the resulting residue was dissolved in methanol, the solvent distilled off, and the residual mass cooled to a temperature of 5 to 10°, filtered, and dried to yield crystalline polymorph Form III of losartan potassium (weight 43.0 g). The crystalline polymorph Form III of losartan potassium was also obtained from crystalline polymorph Form I of losartan potassium.

L2 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:287433 CAPLUS
DOCUMENT NUMBER: 136:58666
TITLE: Polymorphic transformation of losartan
AUTHOR(S): Elbary, A. Abd; Nafadi, M. M.; El-Khateeb, Mona A.
CORPORATE SOURCE: Department of pharmaceutics, Faculty of Pharmacy, Cairo University, Cairo, Egypt
SOURCE: Egyptian Journal of Pharmaceutical Sciences (2000), Volume Date 1999, 40(1), 49-59
CODEN: EJPSBZ; ISSN: 0301-5068
PUBLISHER: National Information and Documentation Centre
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Losartan was recrystd. from alc. solns. containing each of PEG 4000, PEG 6000, Tween 40, Tween 80, Myrj 59 and PVPK90 sep. Samples of the drug, with or without polymers or surfactants were investigated using DSC, XRD, IR and microphotographs to reveal the presence or absence of polymorphism. There were polymorphic changes of the drug with all the tested additives and all polymorphic forms are crystalline
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1997:90112 CAPLUS
DOCUMENT NUMBER: 126:297598
TITLE: Solubilities of losartan polymorphs
AUTHOR(S): Crocker, L. S.; McCauley, J. A.
CORPORATE SOURCE: Merck Research Laboratories, Rahway, NJ, 07065, USA
SOURCE: Pharmazie (1997), 52(1), 72
CODEN: PHARAT; ISSN: 0031-7144
PUBLISHER: Govi-Verlag Pharmazeutischer Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The solubilities of the enantiotropic polymorphs I and II of losartan, an orally administered angiotensin II receptor

antagonist used in the treatment of hypertension, was determined to evaluate the free energy differences between the two forms. The solubilities of form I and II at 25-65° were 0.59-1.25 and 1.95-2.63 resp. Thus, form I has lower solubility and is more thermodynamically stable.

L2 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1995:890142 CAPLUS
DOCUMENT NUMBER: 123:313978
TITLE: Polymorphs of losartan potassium and a process for the preparation of polymorph forms I and II of losartan potassium
INVENTOR(S): Campbell, Gordon Creston, Jr.; Dwivedi, Anil M.; Levorse, Dorothy A.; McCauley, James A.; Raghavan, Krishnaswamy S.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA; du Pont de Nemours, E. I., and Co.; Dupont Merck Pharmaceutical Co.
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 9517396 | A1 | 19950629 | WO 1994-US14768 | 19941221 |
| W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, US, UZ | | | | |
| RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| CA 2179067 | A1 | 19950629 | CA 1994-2179067 | 19941221 |
| AU 9514058 | A | 19950710 | AU 1995-14058 | 19941221 |
| AU 685898 | B2 | 19980129 | | |
| EP 736021 | A1 | 19961009 | EP 1995-905449 | 19941221 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE | | | | |
| JP 09507075 | T | 19970715 | JP 1994-517594 | 19941221 |
| US 5608075 | A | 19970304 | US 1995-371937 | 19950112 |
| PRIORITY APPLN. INFO.: | | | US 1993-173440 A | 19931223 |
| | | | WO 1994-US14768 W | 19941221 |

AB Polymorphic forms of losartan potassium, I, a known angiotensin II-inhibiting antihypertensive, are prepared Numerous spectral, thermal, and X-ray data of I form I and II are reported, and I-containing formulations are presented along with angiotensin II receptor inhibition data.

L2 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1994:116612 CAPLUS
DOCUMENT NUMBER: 120:116612
TITLE: Thermal analysis and solution calorimetry studies on losartan polymorphs
AUTHOR(S): Wu, Lei Shu; Gerard, Christine; Hussain, Munir A.
CORPORATE SOURCE: Du Pont Merck Pharm. Co., Wilmington, DE, 19880-0336, USA
SOURCE: Pharmaceutical Research (1993), 10(12), 1793-5
CODEN: PHREEB; ISSN: 0724-8741
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The existence of losartan (I) polymorphs was confirmed by solution calorimetry. The heat of transition was determined to be 1.74 kcal/mol from Form I to Form II. Form I is thermodynamically more stable

than Form II at ambient temperature Form II could convert to Form I during storage at ambient temperature since the conversion is exothermic.

L2 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1993:525045 CAPLUS
DOCUMENT NUMBER: 119:125045
TITLE: A spectroscopic investigation of Losartan polymorphs
AUTHOR(S): Raghavan, Krishnaswamy; Dwivedi, Anil; Campbell, G. Creston, Jr.; Johnston, Eric; Levorse, Dorothy; McCauley, James; Hussain, Munir
CORPORATE SOURCE: Exp. Stn., Du Pont Merck Pharm. Co., Wilmington, DE, 19880-0400, USA
SOURCE: Pharmaceutical Research (1993), 10(6), 900-4
CODEN: PHREEB; ISSN: 0724-8741
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Losartan (I), an antihypertensive agent in clin. development, existed in 2 enantiotropic polymorphic forms, a low-temperature stable form (Form I) and a high-temperature stable form (Form II), the temps. at which they are stable being related to the transition temperature X-ray powder diffraction patterns indicated differences in the crystal packing of the 2 forms. The vibrational data from IR and Raman spectroscopy suggested a subtle change in mol. conformation and crystal packing in the 2 forms. Solid-state 13C NMR data of the polymorphs concurred with the vibrational data and indicated that, while the observed line widths reflect no major changes in crystallinity, signal multiplicities and chemical shifts do reflect differences in mol. packing in the resp. unit cells. Thus, in the absence of crystallog. data, useful structural information could be derived from spectroscopic results to identify each of the crystalline forms.